Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented): A statically-stabilized bascule bridge having a leaf with a span portion adapted to extend in a forward direction from a trunnion pivot over a waterway in a bridge closed position and a tail portion extending in a rearward direction from the trunnion pivot to extend under a roadway approach structure, said bridge including a static stabilizer comprising:

a housing for mounting in juxtaposition between said leaf tail portion and said roadway approach structure when said bridge is in its closed position;

a shock absorbing assembly carried in said housing;

a shoe cap extending transversely of said housing for engaging said shock absorbing assembly to effect resilient displacement thereof when said shoe cap is urged toward said housing by said leaf tail portion;

means carried in said housing for setting a predetermined operating clearance between said shoe cap and said leaf tail portion, said means including matingly engaged threads between said housing and said shock absorbing assembly cooperable upon rotation of said shock absorbing assembly to effect shoe cap displacement; and

at least one locking pin carried by said housing for releasably laterally engaging said shock absorbing assembly to secure said shoe cap in a selected adjusted position.

Claims 2-3 (canceled).

Claim 4 (previously presented): The bascule bridge according to Claim 1, wherein said shoe cap is fixedly connected to said shock absorbing assembly and includes surface structure cooperable with an elongate bar for effecting said shock absorbing assembly rotation relative to said housing.

Claim 5 (canceled).

Claim 6 (previously presented): The bascule bridge according to Claim 1, wherein said shock absorbing assembly includes a shock absorber carrier having threads providing said threaded engagement with said housing and having at least one elongate slot for operably receiving said locking pin to preclude rotation of said shoe cap after said selected adjusted position has been effected.

Claim 7 (currently amended): A statically-stabilized bascule bridge having a leaf with a span portion adapted to extend in a forward direction from a trunnion pivot over a waterway in a bridge closed position and a tail portion extending in a rearward direction from the trunnion pivot to extend under a roadway approach structure, said bridge including a static stabilizer comprising:

a housing for mounting in juxtaposition between said leaf tail portion and said roadway approach structure when said bridge is in its closed position;

a shock absorbing assembly carried in said housing; and

a shoe cap extending transversely of said housing and engaging said shock absorbing assembly to effect resilient displacement thereof when said shoe cap is urged toward said housing by said leaf tail portion;

said shock absorbing assembly including a carrier contained in said housing, an elastic energy absorber assembly contained in said carrier, and a tie rod connecting said carrier to said ~~cap~~ shoe cap while enabling said carrier to be displaced relative to said housing for effecting clearance adjustments between said ~~cap~~ shoe cap and its juxtaposed bridge structure.

Claim 8 (original): The bascule bridge according to Claim 7 wherein said elastic energy absorbing assembly includes a stack of Bellville washers with said tie rod extending centrally through said stack, and including means connecting said tie rod at one end to said shoe cap and means connecting said tie rod at its other end to said carrier.

Claim 9 (previously presented): The bascule bridge according to Claim 7 including another static stabilizer of like construction to said first-mentioned static stabilizer for releasably engaging said leaf span portion forward of said trunnion pivot when said leaf is in said bridge closed position.

Claim 10 (currently amended): A statically-stabilized bascule bridge ~~having a leaf with a span portion adapted to extend in a forward direction from a trunnion pivot over a waterway in a bridge closed position and a tail portion extending in a rearward direction from the trunnion pivot to extend under a roadway approach structure,~~ according to claim 1, wherein said bridge ~~including a static stabilizer comprising: a housing for mounting in juxtaposition between said leaf tail portion and said roadway approach structure when said bridge is in its closed position; a shock absorbing assembly carried in said housing; a shoe cap extending transversely of said housing and engaging said shock absorbing assembly to effect resilient displacement thereof when said shoe cap is urged toward said housing by said leaf tail portion;~~ includes a retractable tail lock, and another static stabilizer of like construction to said first-mentioned static stabilizer for releasably engaging said tail lock when in its extended locking position when said leaf is in its bridge closed position.

Claim 11 (currently amended): A static stabilizer for use with a bridge span structure to ameliorate shock loading on adjacent bridge span supporting structure, comprising:

a housing having a base and a wall extending upwardly from the base to form a chamber;

a plurality of spring washers mounted in said chamber;

a shoe cap extending across said housing for engaging said spring washers therein;

a tie rod interconnecting said shoe cap and said housing below said spring washers;

an upwardly-open cylindrical carrier moveably mounted in said housing chamber for containing said spring washers therein; and

threaded means disposed between said housing wall and said carrier for rotatably mounting said carrier in said housing and operable upon rotation of said cap shoe cap relative to said housing base to enable the overall height of the stabilizer to be adjusted;

whereby downward displacement of the shoe cap compresses the spring washers therein.

Claim 12 (canceled).

Claim 13 (previously presented): The static stabilizer according to Claim 11, wherein said housing wall mounts at least one locking pin moveable laterally toward and away from said carrier, and said carrier has an elongate slot confronting said locking pin for receiving said locking pin and precluding rotation of said carrier relative to said housing when said shoe cap is in a selected height-adjusted position.

Claim 14 (original): The static stabilizer according to Claim 13 when said shoe cap has an arcuate bearing surface providing a line contact portion, and said locking pin located in said housing wall locks said shoe cap only in preselected positions relative to said base.

Claim 15 (original): The static stabilizer according to Claim 13 wherein said shoe cap has a downwardly opening recess juxtaposed with said carrier opening to provide a chamber for receiving said spring washers, and said shoe cap has an outwardly-extending peripheral flange overlying a peripheral end of said housing wall with a gap therebetween, and including a skirt depending from said shoe cap peripheral flange across said gap for limiting ingress of foreign matter into said housing.

Claim 16 (original): The static stabilizer according to Claim 13 wherein said shoe cap has an outer periphery and including means on said periphery for releasably receiving an elongate bar for rotating said cap relative to said housing and thereby effecting said height adjustment of said static stabilizer.

Claim 17 (original): The static stabilizer according to Claim 13 wherein said shoe cap has a depending boss engaging said spring washers and a tie rod portion depending through the spring washers and connected to the housing therebelow.

Claim 18 (previously presented): The static stabilizer according to Claim 11 including a bascule bridge leaf having a forward portion extending over a support pier and having a rearward portion extending underneath an approach roadway structure, wherein said static stabilizer is juxtaposed with at least one of said leaf portions.

Claim 19 (previously presented): The static stabilizer according to Claim 18 wherein said bascule bridge has a retractable tail lock in its rearward leaf portion, and wherein said static stabilizer is juxtaposed with said leaf portion to engage said tail lock when in its extended position.

Claim 20 (original): The static stabilizer according to Claim 11 including a fixed span bridge having an end portion overlying a bridge pier and wherein said static stabilizer is juxtaposed between said end portion and said pier.

Claim 21 (currently amended): A static stabilizer used to ameliorate shock loading, comprising:

a housing having a base and a wall extending upwardly from the base to form a chamber;

an upwardly-open cylindrical carrier moveably mounted in said housing chamber;

a plurality of spring washers mounted in said cylindrical carrier;

a shoe cap extending transverse to said carrier for engaging said spring washers therein;

a tie rod interconnecting said shoe cap and said carrier for displacement of said shoe cap relative to said housing; and

threaded means disposed between said housing wall and said carrier for rotatably mounting said carrier in said housing and operable upon rotation of said

cap shoe cap relative to said housing base to enable the overall height of the stabilizer to be adjusted;

whereby downward displacement of the shoe cap compresses the spring washers therein.

Claim 22 (previously presented): The static stabilizer according to claim 21, wherein said housing wall mounts at least one locking pin moveable laterally toward and away from said carrier, and said carrier has an elongate slot confronting said locking pin for receiving said locking pin and precluding rotation of said carrier relative to said housing when said shoe cap is in a selected height-adjusted position.

Claim 23 (previously presented): The static stabilizer according to claim 22, when said shoe cap has an arcuate bearing surface providing a line contact portion, and said locking pin located in said housing wall locks said shoe cap only in preselected positions relative to said base.

Claim 24 (previously presented): The static stabilizer according to claim 21, wherein said shoe cap has a downwardly opening recess juxtaposed with said carrier opening to provide a chamber for receiving said spring washers, and said shoe cap has an outwardly-extending peripheral flange overlying a peripheral end of said housing wall with a gap therebetween, and including a skirt depending from said shoe cap peripheral flange across said gap for limiting ingress of foreign matter into said housing.

Claim 25 (previously presented): The static stabilizer according to claim 21, wherein said shoe cap has an outer periphery and including means on said periphery for releasably receiving an elongate bar for rotating said cap relative to said housing and thereby effecting said height adjustment of said static stabilizer.

Claim 26 (previously presented): The static stabilizer according to claim 21, wherein said shoe cap has a depending boss engaging said spring washers and a tie rod portion depending through the spring washers and connected to the housing therebelow.

Claim 27 (previously presented): The static stabilizer according to claim 21, including a bascule bridge leaf having a forward portion extending over a support pier and having a rearward portion extending underneath an approach roadway structure, and wherein said shoe cap is juxtaposed with at least one of said leaf portions.

Claim 28 (previously presented): The static stabilizer according to claim 27, wherein said bascule bridge has a retractable tail lock in its rearward leaf portion, and wherein said shoe cap is juxtaposed with said leaf portion to engage said tail lock when in its extended position.

Claim 29 (previously presented): The static stabilizer according to claim 21, including a fixed span bridge having an end portion overlying a bridge pier and wherein said shoe cap is juxtaposed between said end portion and said pier.